| <br> | <br>laims |  |
|------|-----------|--|
|      |           |  |

| Application/Control No | ٠. |
|------------------------|----|
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10/566,843

Examiner

Jerry T. Rahll

Applicant(s)/Patent under Reexamination

NODA ET AL.

Art Unit

2874

| <br>√ | Rejected |
|-------|----------|
|       | Allowed  |

| 1 | (Through numeral)<br>Cancelled |
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|   |                                |

Restricted

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cli      | aim      | _  |   |                    | _        | Date               |                    |  |          |                    | 1  | Cla      | im       | _     |          | _ |
|----------|----------|--|---|--------------------|----------|--------------------|--------------------|--|----------|--------------------|----|----------|----------|-------|----------|---|
| - 016    | 1 11     | <del>                                     </del> | П | г                  | _        | T                  | ř–                 | $\overline{}$  | T        | г –                |    | <u> </u> |          | ├-    |          | Т |
| Final    | Original | 17/02  |   |                    |          |                    |                    |  |          |                    |    | Final    | Original |       |          |   |
|          | 1        | V  | Г | Г                  | Г        | Π                  | Г                  | Г  | Г        | Γ                  |    |          | 51       |       |          | İ |
|          | 2        | 7  | 厂 |                    |          |                    |                    |  |          |                    |    |          | 52       |       |          | Ť |
|          | 3 4      | 1  | _ |                    |          |                    |                    |  |          |                    |    |          | 53       |       |          | Ť |
|          |          | V  |   |                    |          |                    |                    | П  | Г        |                    |    |          | 54       |       |          | T |
|          | 5        | V  | t | Г                  |          |                    |                    | Γ  |          |                    |    |          | 55       |       |          | Ī |
|          | 6        | 1  | Г | Г                  | Г        |                    |                    | Г  |          |                    |    | -        | 56       |       |          | Ī |
|          | 7        | 0  |   |                    | Г        |                    |                    |  |          |                    |    |          | 57       |       |          | Ī |
|          | 8        | 0  |   |                    |          |                    |                    |  |          |                    |    |          | 58       |       |          | Ī |
| [        | 9        | 0  |   |                    |          |                    |                    |  |          |                    |    |          | 59       |       |          | Ī |
|          | 10       | Ø  |   |                    |          |                    |                    |  |          |                    |    |          | 60       |       |          | Ī |
|          | 11       |  |   |                    |          |                    |                    |  |          |                    |    |          | 61       |       |          | Ī |
|          | 12       |  |   |                    |          |                    |                    |  |          |                    |    |          | 62       |       |          | Ī |
|          | 13       |  |   |                    |          |                    |                    |  |          |                    | li |          | 63       |       |          | Ī |
|          | 14       |  |   |                    |          |                    |                    | Γ  |          |                    |    |          | 64       |       |          | Ī |
|          | 15       |  |   |                    | Γ        |                    |                    |  |          | Г                  |    |          | 65       |       |          | Ţ |
|          | 16       |  |   |                    |          |                    | Г                  |  |          |                    |    |          | 66       |       |          | Ī |
|          | 17       |  |   |                    |          |                    |                    |  |          |                    |    |          | 67       |       |          | Ī |
|          | 18       |  |   |                    | Π        |                    |                    |  |          |                    |    |          | 68       |       |          | Ī |
|          | 19       |  |   |                    |          | I                  |                    |  |          |                    |    |          | 69       |       |          | Ī |
|          | 20       |  |   |                    |          |                    |                    |  |          |                    |    |          | 70       |       |          | Ī |
|          | 21       |  |   |                    |          |                    |                    |  |          |                    |    |          | 71       |       |          | Ī |
|          | 22       |  |   |                    |          |                    |                    |  |          |                    |    |          | 72       |       |          | Ī |
|          | 23       |  |   |                    |          |                    |                    |  |          |                    |    |          | 73       |       |          | Ī |
|          | 24       |  |   |                    |          |                    |                    |  |          |                    |    |          | 74       |       |          | Ì |
|          | 25       |  |   | I                  |          |                    | Π                  | Г  |          |                    |    |          | 75       |       |          | Ī |
|          | 26       |  |   |                    |          |                    |                    |  |          |                    |    |          | 76       |       |          | Ī |
|          | 27       |  |   |                    |          |                    |                    |  |          |                    |    |          | 77       |       |          | Ī |
|          | 28       |  |   |                    |          |                    |                    |  |          | Г                  |    |          | 78       |       |          | Î |
|          | 29       |  |   |                    |          |                    |                    |  |          |                    |    |          | 79       |       |          | Ī |
|          | 30       | Γ  |   |                    |          |                    |                    |  |          |                    |    |          | 80       |       |          | Ī |
|          | 31       |  |   |                    |          |                    |                    | Г  |          |                    |    |          | 81       |       |          | Ī |
|          | 32       |  |   |                    |          |                    |                    |  |          |                    |    |          | 82       |       |          | Ī |
|          | 33       |  |   |                    |          | [_                 |                    |  |          |                    |    |          | 83       |       |          | I |
|          | 34       |  |   |                    |          |                    |                    |  |          |                    |    |          | 84       |       |          | I |
|          | 35       |  |   |                    |          |                    |                    |  |          |                    |    |          | 85       |       |          | I |
|          | 36       |  |   |                    |          |                    |                    |  |          |                    |    |          | 86       |       |          | I |
|          | 37       |  |   | 匚                  |          |                    | L                  |  |          |                    |    |          | 87       |       |          | J |
|          | 38       |  |   |                    |          |                    | Ĺ                  |  |          |                    |    |          | 88       |       |          | I |
|          | 39       |  |   |                    | Ŀ        |                    | $\Box$             |  |          |                    | [  |          | 89       |       |          | I |
|          | 40       |  |   | $\Box$             | 匚        |                    |                    |  |          |                    | [  |          | 90       |       |          | ſ |
|          | 41       |  |   | $\Box$             | 匚        |                    |                    | L  | L        | $\Box$             | [  |          | 91       |       |          | I |
|          | 42       |  |   |                    |          |                    |                    | L  |          |                    |    |          | 92       |       |          | ĺ |
|          | 43       |  |   |                    |          |                    |                    | L  |          |                    | [  |          | 93       |       |          | ĺ |
|          | 44       |  |   |                    |          |                    |                    |  |          |                    | [  |          | 94       |       |          | ĺ |
|          | 45       |  |   |                    |          | _                  |                    | L  | L        |                    |    |          | 95       |       |          | Ţ |
|          | 46       | Ш  | L | L                  | <u> </u> | <u> </u>           |                    |  |          | L                  | [  |          | 96       | أليا  |          | Ţ |
| L        | 47       | Ш  |   | L_                 | <u> </u> | <u> </u>           |                    |  | L        | L                  |    |          | 97       | لـــا |          | ľ |
| <u> </u> | 48       | Ш  | Ш | $oxedsymbol{oxed}$ | oxdot    | $oxedsymbol{oxed}$ | $oxedsymbol{oxed}$ | $ldsymbol{ld}}}}}}$ | <u> </u> | $oxedsymbol{oxed}$ |    |          | 98       |       | <u> </u> | ľ |
|          | 49       |  |   | L                  | L        | L                  | L                  |  | L        | $\Box$             |    |          | 99       |       |          | Į |
| 1        | 50       |  |   | L                  |          | L                  |                    |  |          |                    |    |          | 100      |       |          | ľ |

| Cla              | Claim          |          |          | Date         |  |          |              |  |  |          |  |  |  |  |
|------------------|----------------|----------|----------|--------------|--|----------|--------------|--|--|----------|--|--|--|--|
|                  | T T            | _        | Γ        |              | _  | ·        | İΤ           | Г  | I  |          |  |  |  |  |
| <del>     </del> | Original       |          |          |              |  |          |              |  |  | ļ        |  |  |  |  |
| Final            | : <u>5</u>     |          |          |              |  |          |              |  |  |          |  |  |  |  |
| "-               | lδ             |          |          |              |  |          |              |  |  |          |  |  |  |  |
|                  |                | <u> </u> | <u> </u> | _            | L  | <u> </u> | L_           | ļ  | <u> </u>   |          |  |  |  |  |
| L                | 51             | L        | <u> </u> | <u> </u>     | L_   | <u> </u> | L_           | L  | <u> </u>   | _        |  |  |  |  |
|                  | 52             | L        | L        |              |  |          |              |  |  |          |  |  |  |  |
|                  | 51<br>52<br>53 | L        | L        |              |  |          |              |  |  |          |  |  |  |  |
| L                | 54             |          |          | L            |  | L        |              |  |  |          |  |  |  |  |
|                  | 55             |          |          |              |  |          |              |  |  |          |  |  |  |  |
|                  | 56             |          |          |              |  |          |              |  |  |          |  |  |  |  |
|                  | 57             |          |          | П            |  | Г        |              |  |  |          |  |  |  |  |
|                  | 58             |          |          |              |  |          |              |  |  |          |  |  |  |  |
|                  | 58<br>59       |          |          | -            |  |          |              |  |  |          |  |  |  |  |
|                  | 60             |          | -        | Т            |  | Г        | Г            |  |  |          |  |  |  |  |
|                  | 61             | $\vdash$ |          | ┪            | ┢  | ┢        |              | $\vdash$   |  | _        |  |  |  |  |
|                  | 61<br>62       | -        |          | ┢            | $\vdash$   | $\vdash$ | $\vdash$     |  | -  | _        |  |  |  |  |
| -                | 63             | $\vdash$ | ⊢        | -            | ⊢  | -        | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$ |  |  |  |  |
| -                | 64             | $\vdash$ | $\vdash$ | -            | <del> </del>   | ┝        | $\vdash$     | $\vdash$   | $\vdash$   | -        |  |  |  |  |
| $\vdash$         | 65             | $\vdash$ | ├        | $\vdash$     | $\vdash$   | -        | $\vdash$     | $\vdash$   | ├  | <u> </u> |  |  |  |  |
| $\vdash$         | 60             | ⊢        | ⊢        | -            | ┝  | $\vdash$ | $\vdash$     | ⊢  |  | <u> </u> |  |  |  |  |
|                  | 66             | _        | _        | _            | <u> </u>   | <u> </u> |              |  | <b>.</b>   | ļ        |  |  |  |  |
|                  | 67             | <u> </u> | _        | $\vdash$     | <u> </u>   | <u> </u> | ļ            |  | Ļ  | _        |  |  |  |  |
| ļ                | 68             | L        |          |              |  | L_       |              | <u> </u>   | $ldsymbol{ldsymbol{eta}}$  | L_       |  |  |  |  |
|                  | 69<br>70       | Щ        | _        | L            | _  | <u></u>  |              |  | L  | _        |  |  |  |  |
|                  | 70             |          | <u> </u> | 匚            |  |          | L            |  | L  | Ŀ        |  |  |  |  |
|                  | 71             |          |          |              |  |          | L            |  |  |          |  |  |  |  |
|                  | 72             |          |          |              |  |          |              |  |  |          |  |  |  |  |
|                  | 72<br>73       |          |          |              |  |          |              |  |  |          |  |  |  |  |
|                  | 74<br>75       |          |          |              |  | 1        |              |  |  |          |  |  |  |  |
|                  | 75             |          |          |              |  |          |              |  |  |          |  |  |  |  |
|                  | 76             |          | Г        |              |  |          |              |  |  |          |  |  |  |  |
|                  | 77<br>78       |          |          |              |  |          |              |  |  |          |  |  |  |  |
|                  | 78             |          |          |              |  | Г        |              |  |  |          |  |  |  |  |
| <u> </u>         | 79             | $\vdash$ | ┪        | _            | <u> </u>   | $\vdash$ | $\vdash$     |  | $\vdash$   | $\vdash$ |  |  |  |  |
|                  | 80             | -        | -        | $\vdash$     | $\vdash$   | _        |              |  | $\vdash$   | _        |  |  |  |  |
|                  | 81             |          |          | -            | $\vdash$   | $\vdash$ | <del> </del> | <del>                                     </del> | -  | _        |  |  |  |  |
|                  | 82             | -        | $\vdash$ | _            | -  |          |              | -  | $\vdash$   | -        |  |  |  |  |
|                  | 83             |          | $\vdash$ | -            | _  |          | -            |  | H  | H        |  |  |  |  |
|                  | 84             | $\vdash$ | $\vdash$ | <del> </del> | $\vdash$   | $\vdash$ | -            | $\vdash$   | $\vdash$   | $\vdash$ |  |  |  |  |
| $\vdash$         | 85             | $\vdash$ | $\vdash$ | ⊢-           | $\vdash$   | $\vdash$ | H            | <u> </u>   | <u> </u>   | $\vdash$ |  |  |  |  |
|                  | 00             | ├        | $\vdash$ | <u> </u>     |  | <u> </u> | -            | ├  | $\vdash$   | <u> </u> |  |  |  |  |
| <u> </u>         | 86             | $\vdash$ | $\vdash$ | <u> </u>     | <u> </u>   | Ŀ        | <b> </b>     | <u> </u>   | $\vdash$   | <u> </u> |  |  |  |  |
|                  | 87             | $\vdash$ | $\vdash$ | <u> </u>     | ļ  | <u> </u> | ـــــا       | <u> </u>   | <b> </b>   | <u> </u> |  |  |  |  |
|                  | 88             | $\vdash$ | $\vdash$ | L_           | L.   | <u> </u> | <b> </b>     | <u> </u>   | <u> </u>   | <u> </u> |  |  |  |  |
|                  | 89             | L        | <u> </u> | <u> </u>     | $\vdash$   | Щ.       | <u> </u>     | <u> </u>   | $\vdash$   | L        |  |  |  |  |
| $\vdash$         | 90             | <u> </u> | Ш        | L_           | L_   | L        | L            | <u> </u>   | $\vdash$   | <u> </u> |  |  |  |  |
|                  | 91             |          | L        |              | Ш  |          | 匚            | _  | Ш  | L        |  |  |  |  |
|                  | 92             |          | L        |              |  |          | <u> </u>     |  | $ldsymbol{ld}}}}}}$ | <u> </u> |  |  |  |  |
|                  | 93             | Щ        | L        | L            | $ldsymbol{ld}}}}}}$ | L        | L            | <u> </u>   | Ш  | L        |  |  |  |  |
|                  | 94             |          |          |              |  |          |              | L  | L  | L        |  |  |  |  |
|                  | 95             |          | $\Box$   |              |  |          |              |  |  |          |  |  |  |  |
|                  | 96             |          |          |              |  |          |              | L  |  |          |  |  |  |  |
|                  | 97             |          |          |              |  |          |              |  |  |          |  |  |  |  |
|                  | 98             |          |          |              |  | Г        |              |  |  | Г        |  |  |  |  |
|                  | 99             |          |          |              |  | П        |              |  |  | Г        |  |  |  |  |
| $\vdash$         | 100            | Η-       | Ι        | $\vdash$     |  | $\vdash$ | -            | -  |  |          |  |  |  |  |

|       | 1                 | Data         |          |                |              |          |          |          |          |   |  |
|-------|-------------------|--------------|----------|----------------|--------------|----------|----------|----------|----------|---|--|
| Cla   | aim               | $\vdash$     | _        | _              | [            | Date     | -        | _        | _        | Н |  |
| Final | Original          |              |          |                |              |          |          |          |          |   |  |
|       | 101               |              |          |                |              |          |          |          | Г        |   |  |
|       | 102<br>103        |              |          |                |              |          |          |          | Г        | П |  |
|       | 103               |              |          |                |              |          |          |          |          |   |  |
|       | 104<br>105        |              |          |                |              |          |          |          |          |   |  |
|       | 105               |              |          |                |              |          |          |          |          |   |  |
|       | 106               |              |          |                |              | L.       |          |          |          |   |  |
|       | 107               |              |          |                |              | _        |          |          |          | Ш |  |
|       | 108               |              |          |                |              | _        | _        | _        |          | Ц |  |
|       | 109               | _            | $\vdash$ |                | _            | _        |          |          | Ш        | Ш |  |
|       | 110               | -            |          | <u> </u>       |              |          |          | _        | _        | Ш |  |
|       | 111<br>112<br>113 | <u> </u>     | _        | _              |              | _        |          | <u> </u> | <u> </u> | Н |  |
|       | 112               |              |          | H              | <u> </u>     | $\vdash$ |          | <u> </u> | <u> </u> |   |  |
|       | 113               | -            | H        | H              | ⊢            | ⊢        |          | _        | ┝        | Н |  |
|       | 114<br>115        | -            | -        | ⊢              | <del> </del> | -        | -        |          | $\vdash$ |   |  |
|       | 116               | ┝            | _        | <del> </del> - |              |          |          |          | <u> </u> | Н |  |
|       | 116<br>117        | H            | ┢        | ┢              |              |          | _        | $\vdash$ | ┢        | - |  |
|       | 118               | <del> </del> | <u> </u> | ┢一             | -            |          |          |          | ┝        | Н |  |
|       | 119               | -            | $\vdash$ | $\vdash$       | ┢            |          | Н        | _        | -        | Н |  |
|       | 120               |              | Ė        |                | -            | -        |          |          | ┢        |   |  |
|       | 121               |              |          |                |              |          | -        | _        | -        |   |  |
|       | 122               |              |          | ┢              | $\vdash$     | Г        |          | _        |          |   |  |
|       | 122<br>123        | Т            |          | ┢              | _            |          |          | -        | Т        |   |  |
|       | 124               |              |          |                |              |          |          |          |          |   |  |
|       | 125               |              |          |                |              |          |          |          |          |   |  |
|       | 125<br>126        |              |          |                |              |          |          |          |          |   |  |
|       | 127               |              |          |                |              |          |          |          |          |   |  |
|       | 128<br>129        |              |          |                |              |          |          |          |          |   |  |
|       | 129               |              |          |                |              |          |          |          |          | Ш |  |
|       | 130<br>131        | L            |          |                |              |          |          | L        | L        | Ш |  |
|       | 131               | _            |          | _              |              |          |          | _        | <u> </u> | Ш |  |
|       | 132               |              |          |                | _            | _        |          | _        | <u> </u> | Ц |  |
|       | 133<br>134        |              | <u> </u> | _              | _            | L        | Ш        | Щ        | _        | Н |  |
|       | 134               | <u> </u>     | _        | $\vdash$       |              | H        | L        | -        | <u> </u> | Н |  |
|       | 135               | ├            |          | $\vdash$       |              | -        | _        | _        | ├        | Н |  |
|       | 136<br>137        |              |          | _              | _            | $\vdash$ | $\vdash$ | _        | ⊢        | Н |  |
|       | 138               | -            | _        | _              |              | H        | H        | <u> </u> |          | Н |  |
| _     | 139               | ├            | -        | ÷              |              | H        | Н        | $\vdash$ | ⊢        | Н |  |
|       | 140               |              |          | _              | $\vdash$     | -        | $\vdash$ | _        | ┝        | Н |  |
| -     | 141               | ┢            | $\vdash$ |                |              | $\vdash$ |          |          | ├        |   |  |
|       | 142               | Н            | Н        | Н              | Н            | ┢        | $\vdash$ | Ι        | $\vdash$ | Н |  |
|       | 143               | Г            | Т        | Н              | Н            | Г        | ┢═       | <u> </u> | <u> </u> | Н |  |
|       | 144               | Г            | Г        |                |              |          |          | <u> </u> | <u> </u> | П |  |
|       | 145               | П            | П        |                |              | Г        |          | Г        |          |   |  |
|       | 146               |              |          |                |              |          |          |          |          |   |  |
|       | 147               |              |          |                |              |          |          |          |          |   |  |
|       | 148               |              |          |                |              |          |          |          |          |   |  |
|       | 149               |              | LĪ       |                |              |          |          |          |          |   |  |
|       | 150               |              |          |                |              |          |          |          |          |   |  |